



## Glass fibre wall covering absorbing formaldehyde

### The solution that improves indoor air quality

#### Improving air quality, a priority for those with particular sensitivities

After **the renovation** of a building or a room, the **indoor air quality can deteriorate considerably**: the content of formaldehyde can exceed the authorised limit of 100 µg/m<sup>3</sup> <sup>(1)</sup>.

Formaldehyde is a **harmful VOC** <sup>(2)</sup>:

- **At low exposure**, it can cause **headaches, irritation, asthma, nausea & discomfort**.

These ailments are even more important to those with particular sensitivities: babies, the old or the sick.

- **At high exposure**, formaldehyde is **carcinogenic** (class 1 according to International Research Center on Cancer). This organic component is mainly **released by laminated furniture, new floor coverings, some paints or glues**.

#### How to bring down the formaldehyde rate immediately and sustainably?

<sup>(1)</sup> Authorized line defined by WHO - <sup>(2)</sup> Volatile Organic component



#### Novelio® CleanAir provides the solution with a high-performance product

##### 70% of formaldehyde captured as soon as applied

- Effective even after several layers of paint
- Absorption is permanent

##### A decorative, soft and hard wearing to impact wall covering as are all products in the Novelio® range

- Reinforces delicate surfaces
- Resists abrasion and impact
- Covers all cracks

## CleanAir principle

### How does it work?



CleanAir wall covering is coated with a **special patented formulation**, developed by Saint-Gobain research and development team.

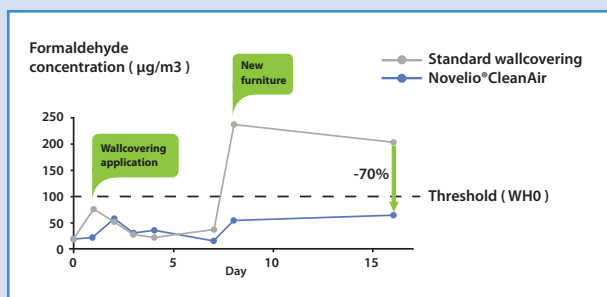
This formulation attracts and **traps formaldehyde**, the active ingredient works for more than 10 years.

CleanAir **works even after several layers of paint**: paint is porous and lets the formaldehyde penetrate.

Once trapped, the formaldehyde is no longer harmful to health and the active wall covering is **not dangerous**.

## CleanAir efficiency

### Novelio® CleanAir action



Tests Field tests, SGR / APAVE

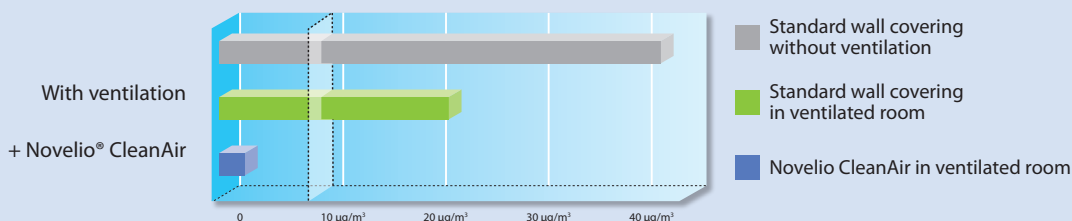
<sup>(3)</sup> Results available on request

The efficiency of the active ingredient has been tested both in laboratory and in normal conditions with same results: **70% absorption, permanently captured** <sup>(3)</sup>.

A benchmark study was made in a room of a French nursery: **the CleanAir principle was confirmed and linked directly to its special formulation.**

### CleanAir functioning in real conditions

#### Measure of the formaldehyde concentration



Tests at the nursery of Montbonnot

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